

## INTRODUCTION

This project about weather is divided in two units:

1. Weather information (11 lessons)
2. Weather around the world (5 lessons)


Its lessons are about an hour and can be developed in a Year 5 class, once a week.

Nowadays, as many schools have weather stations or other ways of recording weather data information, I thought it would be useful to design the activities of these two units to enable the students to learn about something close to their lives in English. This is something that in many Catalan schools is part of the students' daily routines.

Moving from the school context to a wider one, they can learn about weather and how it can affect our lives and other people's. This project therefore starts from the students' world (the school and its weather station) and moves out to weather in other Earth zones. This approach will give students an understanding of climates around the world so that they will be aware of the differences between countries.

To help students understand the unit content in a practical way, some experiments are used to introduce weather facts and measurement tools. The experiments can be done in the classroom or be shown in the different Power Point presentations. Experiential learning is seen as a useful way to demonstrate and explain weather facts that weather stations measure. As well as this, collaborative work between students using language support strategies develops communication about the topic in a non-native language.

### • **Tips for using the unit materials:**

- Look at the table below (Index) and the Teaching Notes document to see the materials needed for each lesson.
- Students language support can be found in the Teaching Notes.
- Students worksheets are numbered on top. E.g.   
(Note that some worksheets have two sides and numbers and in both of them).

- The units' materials are:

|   | Lessons                                | Student's sheets | Support teaching resources  |
|---|--|------------------|---|
| <b>UNIT 1: WEATHER INFORMATION</b>      | <b>Lesson 1:</b> Introduction          | 1 - 2            | Weather Data Collection Sheet<br>Lesson 1 Power Point<br>Map cities' cards  |
|   | <b>Lesson 2:</b> Compass directions    | 3 - 4            |   |
|   | <b>Lesson 3:</b> Winds                 | 5 - 6            | Lesson 3 Power Point<br>Loop game<br>UK weather cards                       |
|   | <b>Lesson 4:</b> Making a wind vane    | 7 - 8            | Lesson 4 Power Point  |
|   | <b>Lesson 5:</b> Temperature           | 9 - 10           | Lesson 5 Power Point<br>Hot - cold cards                                    |
|   | <b>Lesson 6:</b> Reporting temperature | 11 - 12          | Temperature cards   |
|   | <b>Lesson 7:</b> School temperature    | 13 - 14          |   |
|   | <b>Lesson 8:</b> Wind speed            | 15 - 16          | Lesson 8 Power Point<br>3 way matching cards<br>Wind cards (Beaufort Scale) |
|   | <b>Lesson 9:</b> Air pressure          | 17 - 18          | Lesson 9 Power Point<br>Barometer Cards<br>Rain gauge flashcards            |
|   | <b>Lesson 10:</b> Humidity and rain    | 19 - 20          | Measurement tools game  |
|   | <b>Lesson 11:</b> Weather assessment   | 21 - 22          | Lesson 11 Power Point<br>Measurement tools flashcards                       |
| <b>UNIT 2: WEATHER AROUND THE WORLD</b> | <b>Lesson 1:</b> Seasons               | 23 - 24          | Lesson 1 Power Point<br>Weather game<br>Seasons' concept map                |
|   | <b>Lesson 2:</b> Earth zones           | 25 - 26          | Lesson 2 Power Point<br>Landscapes' pictures<br>Thinking sheets             |
|   | <b>Lesson 3:</b> Climates              | 27 - 28          | Language support sheet  |
|   | <b>Lesson 4:</b> Country presentation  |                  |   |
|   | <b>Lesson 5:</b> Assessment            | 29 - 30          | Lesson 5 Power Point  |

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### **Useful resources**

Here you have a list of all the resources I looked at or used for creating the unit materials:

- **Websites:**

[www.edu365.co.uk](http://www.edu365.co.uk)  
<http://bancoimagenes.isftic.mepsyd.es>  
<http://www.flickr.com/>  
<http://en.wikipedia.org>  
<http://search.creativecommons.org/>  
[www.primaryresources.co.uk](http://www.primaryresources.co.uk)  
<http://www.ciese.org/curriculum/weatherproj2/images/windvane.jpg>  
<http://www.sheppardsoftware.com/Geography.htm>  
[www.histgeo.ac-aix-marseille.fr/carto/index.htm](http://www.histgeo.ac-aix-marseille.fr/carto/index.htm)  
[www.bbc.co.uk](http://www.bbc.co.uk)  
[www.youtube.com](http://www.youtube.com)  
[www.weatherwizkids.com](http://www.weatherwizkids.com)  
[www.scholastic.co.uk](http://www.scholastic.co.uk)

- **References:**

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